

Title (en)

SECURITY DEVICES AND METHODS OF MANUFACTURING THEM

Title (de)

SICHERHEITSVORRICHTUNGEN UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

DISPOSITIFS DE SÉCURITÉ ET PROCÉDURES DE FABRICATION ASSOCIÉES

Publication

**EP 2493698 B1 20181010 (EN)**

Application

**EP 10775854 A 20101027**

Priority

- GB 0919112 A 20091030
- US 27277409 P 20091030
- GB 2010001993 W 20101027

Abstract (en)

[origin: WO2011051668A1] A security device has a lenticular device comprising an array of lenticular focusing elements (2) located over a corresponding array of pairs of image strips (A,B) such that, in a first viewing direction, a first image strip (A) from each pair is viewed by respective ones of the lenticular focusing elements (2) and, in a second viewing direction, different from the first, a second image strip (B) from each pair is viewed by respective ones of the lenticular focusing elements (2). One (A) of each pair of image strips has portions defining a first image in a first colour and a second image in a second colour respectively, and the other (B) of each pair of image strips has portions defining the first image in the second colour and the second image in the first colour respectively, whereby on tilting the device, a colour switch is observed between the first and second images.

IPC 8 full level

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CPC (source: EP US)

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**B42D 25/342** (2014.10 - US); **B42D 25/351** (2014.10 - EP); **B42D 25/373** (2014.10 - EP US); **B42D 25/40** (2014.10 - US);  
**G02B 30/27** (2020.01 - EP US); **B42D 2035/24** (2022.01 - EP); **B42D 2035/44** (2022.01 - EP)

Citation (opposition)

Opponent : CCL Secure Pty Ltd

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Opponent : Koenig & Bauer AG

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EP 2493698 A1 20120905; EP 2493698 B1 20181010; GB 0919112 D0 20091216; IN 2748DEN2012 A 20150918; JP 2013509312 A 20130314;  
JP 5788886 B2 20151007; MX 2012004699 A 20120523; PL 2493698 T3 20190131; US 2012268598 A1 20121025; US 9429762 B2 20160830

DOCDB simple family (application)

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MX 2012004699 A 20101027; PL 10775854 T 20101027; US 201013500495 A 20101027